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Updating distributed materialized viewsA Segev, J Park - IEEE Transactions on Knowledge and Data ..., 1989 - [ieeexplore.ieee.org](#)

Abstract-This paper deals with the problem of **updating material-ized views in distributed database systems**. We prescribe an architec- ture and detailed procedures to **update a collection of remote views with arbitrary refresh times by using a single differential me. The ef- ficiency of the ...**

Cited by 94 - [Related articles](#) - [All 7 versions](#)**View maintenance in a warehousing environment**Y Zhuge, H Garcia-Molina, J Hammer, J ... - Proceedings of the 1995 ..., 1995 - [portal.acm.org](#)

... In both centralized and **distributed systems**, there are three general approaches to the timing of **view main- tenance: immediate update [BLT86]**, which updates the **view after each base relation is updated, deferred update [RK86]**, which updates the **view only when a query is is- ...**

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GERNDT University of Vienna Institute for Statistics and Computer Science Rathausstr. ... Page 3.

UPDATING DISTRIBUTED VARIABLES IN LOCAL COMPUTATIONS 173 ...Cited by 144 - [Related articles](#) - [All 3 versions](#)**Algorithms for deferred view maintenance**LS Colby, T Griffin, L Libkin, IS Mumick, H ... - Proceedings of the ..., 1996 - [portal.acm.org](#)

... incrementally **updating materialized views when the base tables used to derive the views are updated ...** Permission to make digitabard copy of part or all of this work for personal or classroom use is granted without fee provided that copies are not made or **distributed for profit or ...**

Cited by 206 - [Related articles](#) - [BL Direct](#) - [All 17 versions](#)[psu.edu](#) [PDF]**Materialized view maintenance and integrity constraint checking: Trading space for time**KA Ross, D Srivastava, S Sudarshan - ACM SIGMOD Record, 1996 - [portal.acm.org](#)

... The maintenance of a collection of simple (Select- Project) **views in a distributed system** is discussed in [20], where a very simple form of multi-query optimization is used to screen updates that need to be sent to remote sites. The work is extended ...

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... 1.3 **Distributed Transaction Management Distributed transaction management pro- vides the ability to read and/or update data at multiple sites ...** One potential advantage of centralized permissions is that a user can be given access to certain **distributed views** while being denied ...

Cited by 180 - [Related articles](#) - [All 10 versions](#)[psu.edu](#) [PDF]**Optimal update policies for distributed materialized views**

A Segev, W Fang - Management Science, 1991 - JSTOR

ARIE SEGEV AND WEIPING FANG Walter A. Haas School of Business, University of California at Berkeley, Berkeley, California 94720 Information & Computing Sciences Division, Lawrence Berkeley Laboratory, Berkeley, California 94720 Industrial Engineering & Operations ...

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... objects, sessions, display **updating**, concurrency control **INTRODUCTION Groupware allows several geographically distributed people to work together with the aid of a ...** Interactive synchronous groupware, three abstract requirements can be stated from the user's point of **view: ...**

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... The trade-offs between different main- tenance policy assignments are studied by measuring refresh times, **update times**, query response times, total elapsed times and number of refreshes. ...

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Notions of consistency for **views** in **distributed** environments have been presented in ...

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
[PDF] [Data warehouse configuration](#)


D Theodoratos, T Sellis - Proceedings of the International Conference on ..., 1997 - Citeseer

... This cost involves the cost of transmitting data (**update** differentials, query data and answer data), computing updates, and performing updates to the affected **views**. In a **distributed** environment, the transmission cost is predominant while in a centralized one, the cost of ...

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